



Arbor Hills Landfill
Weekly Community Locations Scentometer Readings
June 19, 2017 to June 25, 2017

Locations	06-19 Mon		06-20 Tue		06-21 Wed		06-22 Thu		06-23 Fri		06-24 Sat		06-25 Sun		Average		
	a.m.	p.m.	a.m.	p.m.	a.m.	p.m.	a.m.	p.m.	a.m.	p.m.	a.m.	p.m.	a.m.	p.m.	a.m.	p.m.	All
Wind Direction	W/WNW	WSW	W/WSW	NW	WNW/NW	SW	SSE	SW	SSW	WNW	W/WSW	W	WSW	W			
Downwind Scentometer Readings																	
Mulberry Ct. & Mulberry Way	C-1	0	0	0	< 2	< 2	0	-	0	0	< 2	< 2	< 2	0	1.0	0.6	0.8
Boulder & Parkside Dr.	C-2	< 2	0	0	0	0	-	0	0	0	< 2	0	0	0	0.7	0.0	0.3
Entrance to Steeplechase	C-3	0	0	< 2	0	0	-	0	0	0	0	0	< 2	0	0.7	0.0	0.3
Ridgewood Elementary School	C-4	0	0	< 2	0	0	-	0	0	0	0	0	< 2	0	0.7	0.0	0.3
Waterway Park on Ridgeway Dr.	C-5	-	0	0	-	-	0	-	0	0	-	-	< 2	-	0.7	0.0	0.3
Bayberry Way & Rose Terrace	C-6	-	0	0	-	-	0	-	0	0	-	-	0	-	0.0	0.0	0.0
NW Corner of Briar Ridge Ln.	C-7	-	0	0	-	-	0	-	0	0	-	-	0	-	0.0	0.0	0.0
Brier Ridge Ln. & Trail Entrance	C-8	-	0	0	-	-	0	-	0	0	-	-	0	-	0.0	0.0	0.0
SW Corner of Ridgeway Dr.	C-9	0	0	0	0	0	-	0	0	0	0	0	< 2	0	0.3	0.0	0.2
Napier & Last Drive	C-10	-	-	-	0	0	-	-	-	0	-	0	-	-	0.0	0.0	0.0
Salem Rd. & Jessica J Ln	C-11	-	-	-	0	0	-	-	-	0	-	0	-	-	0.0	0.0	0.0
6 Mile & Pearl Street	C-12	-	-	-	-	-	0	-	-	-	-	-	-	-	0.0	-	0.0
Tamarack Trail	C-13	0	0	0	0	0	-	0	0	0	0	0	< 2	0	0.3	0.0	0.2
Starlite Run	C-14	0	0	0	0	0	-	0	0	0	0	0	< 2	0	0.3	0.0	0.2
Northstar Way	C-15	-	0	0	-	-	0	-	0	-	-	-	0	-	0.0	0.0	0.0
Northville High School	C-16	0	0	0	-	-	0	-	0	0	-	0	0	0	0.0	0.0	0.0
Main St. & Creek Crossing	C-17	-	0	0	-	-	0	-	0	< 2	-	-	0	-	0.7	0.0	0.3
Westhill St. & Timberlane	C-18	-	0	0	-	-	0	-	0	0	-	-	0	-	0.0	0.0	0.0
Timberlane Cul-de-sac	C-19	-	0	0	-	-	0	-	0	0	-	-	0	-	0.0	0.0	0.0
Upwind Scentometer Readings																	
Mulberry Ct. & Mulberry Way	C-1	-	-	-	-	-	0	-	-	-	-	-	-	-	0.0	0.0	0.0
Boulder & Parkside Dr.	C-2	-	-	-	-	-	0	-	-	-	-	-	-	-	0.0	0.0	0.0
Entrance to Steeplechase	C-3	-	-	-	-	-	0	-	-	-	-	-	-	-	0.0	0.0	0.0
Ridgewood Elementary School	C-4	-	-	-	-	-	0	-	-	-	-	-	-	-	0.0	0.0	0.0
Waterway Park on Ridgeway Dr.	C-5	< 2	-	-	0	0	-	0	-	0	0	0	-	0	0.4	0.0	0.3
Bayberry Way & Rose Terrace	C-6	0	-	-	0	0	-	0	-	0	0	0	-	0	0.0	0.0	0.0
NW Corner of Briar Ridge Ln.	C-7	0	-	-	0	0	-	0	-	0	0	0	-	0	0.0	0.0	0.0
Brier Ridge Ln. & Trail Entrance	C-8	0	-	-	0	0	-	0	-	0	0	0	-	0	0.0	0.0	0.0
SW Corner of Ridgeway Dr.	C-9	-	-	-	-	-	0	-	-	-	-	-	-	-	0.0	0.0	0.0
Napier & Last Drive	C-10	0	0	0	-	-	0	0	0	-	0	-	0	0	0.0	0.0	0.0
Salem Rd. & Jessica J Ln	C-11	0	0	0	-	-	0	0	0	0	0	-	0	0	0.0	0.0	0.0
6 Mile & Pearl Street	C-12	0	0	0	0	0	-	0	0	0	0	0	0	0	0.0	0.0	0.0
Tamarack Trail	C-13	-	-	-	-	-	0	-	-	-	-	-	-	-	0.0	0.0	0.0
Starlite Run	C-14	-	-	-	-	-	0	-	-	-	-	-	-	-	0.0	0.0	0.0
Northstar Way	C-15	0	-	-	0	0	-	0	-	0	0	0	-	0	0.0	0.0	0.0
Northville High School	C-16	-	-	-	0	0	-	0	-	0	-	0	-	-	0.0	0.0	0.0
Main St. & Creek Crossing	C-17	0	-	-	0	0	-	0	-	0	0	0	-	0	0.0	0.0	0.0
Westhill St. & Timberlane	C-18	0	-	-	0	0	-	0	-	0	0	0	-	0	0.0	0.0	0.0
Timberlane Cul-de-sac	C-19	0	-	-	0	0	-	0	-	0	0	0	-	0	0.0	0.0	0.0

6/19/17 a.m. Smokey smell
6/20/17 a.m. Odors of fresh garbage observed @ <2 level at Beck Rd & 6 mile Rd
6/22/17 p.m. Some locations were not screened due to severe thunderstorms.
6/24/17 a.m. Earthy soil
6/23/17 a.m. & p.m. Mulch
6/25/17 a.m. Wood smoke

Landfill Gas Fresh Garbage Compost Other (non landfill related odor)

Number of Odor Complaints	06-19 Mon	06-20 Tue	06-21 Wed	06-22 Thu	06-23 Fri	06-24 Sat	06-25 Sun
	4	4	0	0	2	2	3



Arbor Hills Landfill
Weekly Perimeter Locations Scentometer Readings
June 19, 2017 to June 25, 2017

Locations		06-19 Mon		06-20 Tue		06-21 Wed		06-22 Thu		06-23 Fri		06-24 Sat		06-25 Sun		Average		
		a.m.	p.m.	a.m.	p.m.	a.m.	p.m.	a.m.	p.m.	a.m.	p.m.	a.m.	p.m.	a.m.	p.m.	a.m.	p.m.	All
Wind Direction		W/WNW	WSW	W/WSW	NW	WNW/NW	SW	SSE	SW	SSW	WNW	W/WSW	W	WSW	W			
Downwind Scentometer Readings																		
Napier Rd & Entrance to GLR	P-1	0	0	0	< 2	< 2	0	-		0	< 2	< 2	0	0	0	0.7	0.7	0.7
5 Mile Rd & Entr to Energy Ctr.	P-2	-	-	-	0	< 2	-	-		-	< 2	-	0	-	-	2.0	0.7	1.0
5 Mile Rd & Utility Corridor	P-3	-	-	-	0	0	-	-		0	-	0	-	-	-	0.0	0.0	0.0
6 Mile Rd & NW Corner of LF	P-4	-	-	-	0	0	-	< 2	-	-	0	-	0	-	-	1.0	0.0	0.4
6 Mile Rd & LF Office	P-5	0	< 2	< 2	0	0	0	0	< 2	< 2	0	< 2	0	< 2	0	1.1	0.6	0.9
6 Mile Rd & Napier Rd	P-6	0	< 2	0	0	0	0	-	0	0	0	0	0	< 2	0	0.3	0.3	0.3
Napier & Private Road	P-7	< 2	0	< 2	< 2	< 2	0	-	0	0	< 2	< 2	0	< 2	< 2	1.7	0.9	1.2
Napier & Railroad	P-8	0	0	0	0	< 2	0	-	0	< 2	< 2	-	0	-	-	0.8	0.3	0.5
Napier & Entr to Composting	P-9	0	0	0	-	-	0	-	0	0	-	0	-	0	0	0.0	0.0	0.0
Upwind Scentometer Readings																		
Napier Rd & Entrance to GLR	P-1	-	-	-	-	-	-	0	-	-	-	-	-	-	-	0.0	2.0	0.0
5 Mile Rd & Entr to Energy Ctr.	P-2	0	0	0	-	-	0	0	0	0	-	0	-	0	0	0.0	0.4	0.0
5 Mile Rd & Utility Corridor	P-3	0	0	0	-	-	0	0	0	0	-	0	-	0	0	0.0	0.0	0.0
6 Mile Rd & NW Corner of LF	P-4	0	0	0	-	-	0	-	0	0	-	0	-	0	0	0.0	0.0	0.0
6 Mile Rd & LF Office	P-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 Mile Rd & Napier Rd	P-6	-	-	-	-	-	-	0	-	-	-	-	-	-	-	0.0	0.0	0.0
Napier & Private Road	P-7	-	-	-	-	-	-	0	-	-	-	-	-	-	-	0.0	2.0	0.0
Napier & Railroad	P-8	-	-	-	-	-	-	0	-	-	-	0	-	-	0	0.0	1.0	0.0
Napier & Entr to Composting	P-9	-	-	-	0	0	-	0	-	-	0	-	0	-	-	0.0	0.0	0.0

Landfill Gas
 Fresh Garbage
 Compost
 Leachate
 Other (non landfill related odor)

6/22/17 p.m. Some locations were not screened due to severe thunderstorms.
 6/23/17 p.m. Mulch
 6/24/17 a.m. Earthy soil

Number of Odor Complaints	06-19 Mon	06-20 Tue	06-21 Wed	06-22 Thu	06-23 Fri	06-24 Sat	06-25 Sun
	4	4	0	0	2	2	3



RK No.	Location
Perimeter	
P-1	Napier Rd & Entrance to GLR
P-2	5 Mile Rd & Entr to Energy Ctr.
P-3	5 Mile Rd & Utility Corridor
P-4	6 Mile Rd & NW Corner of LF
P-5	6 Mile Rd & LF Office
P-6	6 Mile Rd & Napier Rd
P-7	Napier & Private Road
P-8	Napier & Railroad
P-9	Napier & Entr to Composting
Community	
C-1	Mulberry Ct. & Mulberry Way
C-2	Boulder & Parkside Dr.
C-3	Entrance to Steeplechase
C-4	Ridgewood Elementary School
C-5	Waterway Park on Ridgeway Dr.
C-6	Bayberry Way & Rose Terrace
C-7	NW Corner of Briar Ridge Ln.
C-8	Brier Ridge Ln. & Trail Entrance
C-9	SW Corner of Ridgeway Dr.
C-10	Napier & Last Drive
C-11	Salem Rd. & Jessica J Ln
C-12	6 Mile & Pearl Street
C-13	Tamarack Trail
C-14	Starlite Run
C-15	Northstar Way
C-16	Northville High School
C-17	Main St. & Creek Crossing
C-18	Westhill St. & Timberlane
C-19	Timberlane Cul-de-sac

RK
& ASSOCIATES, INC.
 28631 ROUTE 59, SUITE B
 WARRENVILLE, IL 60555
 630-393-9000
 630-790-2966

COMMENTS:
Perimeter and Community Odor Monitoring Location

Arbor Hills Landfill
Advanced Disposal
Northville, MI 48168

FIGURE
1

DRAWN BY: DD	APPROVED BY: SR	PROJECT NUMBER: R16417	DATE DRAWN: 11-16-2016	REVISED DATE: 2-8-2017
------------------------	---------------------------	----------------------------------	----------------------------------	----------------------------------